

PTO/6B/08A (10-01)

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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/761,136
				Filing Date	02/18/2004
				First Named Inventor	Beckes
				Art Unit	
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket Number	160-014

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
<i>NY</i> <i>WJ</i>		US-6,785,497	09/21/2004	Chesson	
		US-6,870,815	03/22/2005	McFarland et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature	<i>Manu p. Man</i>	Date Considered	7/16/07
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**Complete if Known**

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Sheet	1	of	2
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<b>Application Number</b>	10/781138
<b>Filing Date</b>	2/18/2004
<b>First Named Inventor</b>	Backes
<b>Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	160-014

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		Number - Kind Code* (if known)			
MP		US- 2004/0137915 A1	7/15/2004	Diener et al.	
		US- 2003.0207699 A1	11/6/2003	Shpak	
		US- 2002/0193113 A1	12/19/2002	Shibutani	
		US- 2002/0141375 A1	10/3/2002	Choi	
		US- 2003/0022686 A1	1/30/2003	Soomro et al.	
		US- 2002/0176437 A1	11/28/2002	Busch et al.	
		US- 2003/0002456 A1	1/2/2003	Soomro et al.	
		US- 2002/0060995 A1	5/23/2002	Cervello et al.	
		US- 6.741.863 B1	5/25/2004	Chiang et al.	
		US- 6.560.462 B1	5/6/2003	Ravi et al.	
		US- 6.332.007 B1	12/18/2001	Wu et al.	
		US- 6.208.629 B1	3/27/2001	Jaszewski et al.	
		US- 6.198.924 B1	3/6/2001	Ishii et al.	
		US- 6.760.748 B1	7/6/2004	Hakim	
		US- 6.111.867	12/12/1997	Mann	
		US- 6.574.477	10/6/1999	Rathunde	
		US- 6.574.474	5/20/1999	Nielson	
		US- 6.732.183	1/5/2000	Halasz	
		US- 6.215.779	9/22/1998	Bender	
		US- 6.636.737	4/10/2000	Hills	
MP		US- 6.738.599	3/14/2002	Black	
		US- 6.522.881	3/8/2000	Feder	
		US- 6.208.629	3/10/1999	Jaszewski	

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		First Named Inventor	Backes
		Group Art Unit	
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	160-014

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
mp		IEEE, Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications, Standard 802.11, 1999 edition, Reference number ISO/IEC 8802-11:1999(E), 528 Pages.	
		MICHAEL BARR, "Toward a Smaller Java", Embedded.com, June 14, 2002, Pages 1-9.	
		Moustafa Youssef, "Handling Samples Correlation in the Horus System", IEEE INFOCOM 2004	
		Kin K. Leung, "Integrated Link Adaptation and Power Control for Wireless IP Networks", AT&T Labs - research, January 19, 2000.	
		Ana Zapater et. Al., "Development and Implementation of a Bluetooth Networking Infrastructure for the a Notebook - University Scenario", Institute of Communications Engineering, University of Hannover, May 13, 2003.	
mp		Walter Klotz, "Graph Coloring Algorithms", 1999.	
		Brent N. Chun et. Al., "Market-based Proportional resource Sharing for Clusters", University of California at Berkeley computer Science Division, September 1999.	
		The Four Color Theorem, Web page, author(s) unknown, updated November 13, 1995.	

Examiner Signature	<i>Manu R. Pham</i>	Date Considered	7/16/07
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